

B. AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method for securely transmitting data in a network, said method comprising:
sending a request from a first computer to a second computer prior to establishing a secure connection, the first computer and the second computer included in a plurality of computers;
receiving a response from the second computer, whereby the response informs the first computer that the second computer accepts encrypted data;
establishing the secure connection between the first computer and the second computer;
transmitting a password across the secure connection, the password used to encrypt and decipher the data;
encrypting the data using the password;
transmitting the encrypted data over a non-secure connection;
changing the password by including a counter as part of the password; and wherein the counter is incremented after each transmission between the first and second computer system.
2. (Original) The method as described in claim 1 further comprising:
automatically sending a second password based on an event, the second password replacing the password as the encryption key.
3. (Original) The method as described in claim 2 wherein the event includes a time interval event.

4. (Original) The method as described in claim 2 wherein the event includes a preset number of transmissions occurring between two or more computers within the plurality of computers.
5. (Original) The method as described in claim 1 wherein the network includes the Internet.
6. (Canceled)
7. (Canceled)
8. (Original) The method as described in claim 1 wherein the data is selectively encrypted.
9. (Previously Presented) The method as described in claim 8 wherein the selection is based on determining a sensitivity corresponding to the data.
10. (Original) The method as described in claim 1 wherein the deciphering further comprises:
analyzing the data packet and determining whether the data packet is encrypted; and
selectively deciphering the data packet based on the analyzing.
11. (Currently Amended) A computer system comprising:
a networked computer system including a plurality of computers connected by a computer network, each of the computers including:
one or more processors;

a memory connected to the processors; and
a network connection that connects the computer with the
computer network;

and

an encryption tool, the encryption tool including:

- means for sending a request from the first computer system to the second computer system prior to establishing a secure connection, the first computer system and the second computer system included in a plurality of computer systems;
- means for receiving a response from the second computer system, the response indicating that the second computer system accepts packets of data that is encrypted;
- means for establishing the secure connection between the first computer system and the second computer system, each of the computer systems connected to a computer network;
- means for sending a password from the first computer system to the second computer system across the secure connection;
- means for encrypting one or more packets of data using the password as an encryption key;
- means for transmitting one or more of the encrypted packets of data from one of the computer systems to the other computer system; [[and]]
- means for deciphering the one or more encrypted packets of data at the receiving computer system using the password as the encryption key;
- means for changing the password by including a counter as part of the password; and

wherein the counter is incremented after each transmission between the first and second computer systems.

12. (Original) The computer system as described in claim 11 wherein the computer network is a private network.
13. (Original) The computer system as described in claim 11 wherein the encryption tool further includes:
means for sending a second password, the second password replacing the password as the encryption key.
14. (Canceled)
15. (Previously Presented) The computer system as described in claim 11 wherein the means for sending is performed on a defined time interval.
16. (Previously Presented) The computer system as described in claim 11 wherein the means for sending is performed after a preset number of transmissions between the first and second computer systems.
17. (Original) The computer system as described in claim 11 wherein the computer network includes the Internet.
18. (Canceled)
19. (Currently Amended) A computer program product in a computer usable medium for encrypting data between computers, said computer program product comprising:

means for sending a request from a first computer system to a second computer system prior to establishing a secure connection, the first computer system and the second computer system included in a plurality of computer systems;

means for receiving a response from the second computer system, whereby the response informs the first computer system that the second computer system accepts encrypted data;

means for establishing the secure connection between the first computer system and the second computer system, each of the computer systems connected to a computer network;

means for sending a password from the first computer system to the second computer system across the secure connection;

means for encrypting one or more packets of data using the password as an encryption key and means for deciphering the data packets using the password as the encryption key; and

means for changing the password by including a counter as part of the password, wherein the counter is incremented after each transmission between the first and second computer systems.

20. (Original) The computer program product as described in claim 19 further comprising:

means for transmitting the one or more packets of data from one of the computer systems to the other computer system; and

means for deciphering the one or more packets of data at the receiving computer system using the password as the encryption key.

21. (Original) The computer program product as described in claim 19 further comprising:
means for sending a second password, the second password replacing the password as the encryption key.
22. (Canceled)
23. (Canceled)
24. (Original) The computer program product as described in claim 19 wherein the computer network includes a private network.
25. (Original) The computer program product as described in claim 19 wherein the means for encrypting further comprises:
means for determining whether the data packets include sensitive information; and
means for selectively performing the encrypting based on the determination.
26. (Original) The computer program product as described in claim 19 wherein the means for deciphering further comprises:
means for analyzing the data packet and determining whether the data packet is encrypted; and

means for selectively deciphering the data packet based on the analysis.

27. (Previously Presented) A method for transmitting data securely between computers, said method comprising: establishing a secure connection between a first computer system and a second computer system, each of the computer systems connected to a computer network; sending a password from the first computer system to the second computer system across the secure connection; encrypting one or more packets of data using the password as an encryption key and responsively deciphering the data packets using the password as the encryption key; transmitting the one or more packets of data from one of the computer systems to the other computer system; deciphering the one or more packets of data at the receiving computer system using the password as the encryption key; sending a request from the first computer system to the second computer system prior to the establishing of the secure connection; and responding to the request by the second computer system, the response further including: informing the first computer system that the second computer system accepts the data that is encrypted; changing the password by including a counter as part of the password; and wherein the counter is incremented after each transmission between the first and second computer systems.